

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

10/07/2003 WABDEL1 00000091 10674968

01 FC:2001 375.00 CP  
~~02 FC:0021 40.00 CP~~

10/07/2003 WABDEL1 00000092 082441 10674968

01 FC:2203 140.00 DA

Adjustment date: 11/24/2003 EEKUBAY1  
~~10/07/2003 WABDEL1 00000092 082441 10674968~~  
~~01 FC:2203 140.00 CR~~

PTO-1556  
(5/87)

**D. PETER HOCHBERG CO., L.P.A**

ATTORNEYS AT LAW

D. PETER HOCHBERG\*  
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OF COUNSEL

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VIRGINIA AND NEW YORK  
\*\* ADMITTED IN VIRGINIA ONLY  
\*\*\* ADMITTED IN NEW YORK ONLY

INTELLECTUAL PROPERTY LAW

PATENT TRADEMARK  
AND COPYRIGHT LAWTEL. (216) 771-3800  
FAX. (216) 771-3804

e-mail: dphochberg@aol.com

October 16, 2003

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

To Fax No: 1 (703) 308-5077 ( 10 pages)By: Christine Kotran

Christine Kotran

Date: October 16, 2003

Mail Stop 16

Director of the US Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

Re: Improper Charge to Deposit Account No. 08-2441

Gentlemen:

A copy of a printout of our Deposit Account statement with a "Requested Statement Month" date of October 2003 is attached. The following charge to our Deposit Account has been entered in error:

<u>Date</u>	<u>Seq</u>	<u>Posting Ref Txt</u>	<u>Attorney Docket Nbr</u>	<u>Fee Code</u>	<u>Amt</u>
10/07	201	10674968	MM0725US	2203	\$140.00

Copies of the following attached documents verify that all multiple dependent claims were amended to rely on a single prior claim in the Preliminary Amendment filed with the application:

1. Utility Patent Application Transmittal;
2. Fee Transmittal; and

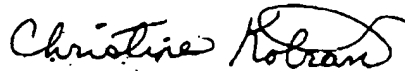
 OFFICE OF FINANCE  
 REFUND BRANCH  
 203 NOV 21 AM 8:29  
 PATENT & TRADEMARK  
 OFFICE

3. Preliminary Amendment

Accordingly, please immediately credit Deposit Account 08-2441 for the amount totaling \$140.00.

Please do not hesitate to contact us if there are any questions concerning the processing of this credit.

Sincerely yours,



Christine Kotran for  
Maxine Singer, Administrator

Att.  
11/18/2002 MS/ck



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



**Deposit Account Statement**

Requested Statement Month: October 2003  
Deposit Account Number: 082441  
Name: D PETER HOCHBERGCO, L.P.A.  
Attention: MAXINE SINGER  
Address: 1940 EAST 6TH STREET  
City: CLEVELAND  
State: OH  
Zip: 44114

DATE	SEQ	POSTING REF	ATTORNEY DOCKET TXT NBR	FEE CODE	AMT	BAL
10/02	162	29175982	IN0626UD9006	8001	\$15.00 ✓	\$2,801.31
10/02	163	29179433	IN0627US 90067	8001	\$15.00 ✓	\$2,786.31
10/02	164	29176679	JB0607EP 90248	8001	\$15.00 ✓	\$2,771.31
10/02	166	10023541	MA0405US	8001	\$15.00 ✓	\$2,756.31
10/02	451	29176679	JB0605MX 90248	8001	\$15.00 ✓	\$2,741.31
10/03	36	29183743	IN0682US (#90067)	8001	\$15.00 ✓	\$2,726.31
10/03	38	29180238	IN0636US (#90067)	8001	\$15.00 ✓	\$2,711.31
10/03	40	29176525	IN0624US-900	8001	\$15.00 ✓	\$2,696.31
10/03	257	29175983	IN0622US	8001	\$15.00 ✓	\$2,681.31
10/03	258	09961520	OH0623US CIP	8001	\$15.00 ✓	\$2,666.31
10/03	259	29176690	JB0611MX 90248	8001	\$15.00 ✓	\$2,651.31
10/03	261	29175734	IN0616US (#90	8001	\$15.00 ✓	\$2,636.31
10/03	263	29176678	JB0606MX 90248	8001	\$15.00 ✓	\$2,621.31
10/03	265	29176689	JB0612MX 90248	8001	\$15.00 ✓	\$2,606.31
10/03	266	10163782	RO0214US CON	8001	\$15.00 ✓	\$2,591.31
10/03	267	29176691	JB0610EP 90248	8001	\$15.00 ✓	\$2,576.31
10/03	269	29175987	IN0615US9006	8001	\$15.00 ✓	\$2,561.31
10/03	285	29179969	IN0572US 90067	8001	\$15.00 ✓	\$2,546.31
10/03	288	10009117	SD0375US	8001	\$15.00 ✓	\$2,531.31
10/03	298	29166058	IN0499US	8001	\$15.00 ✓	\$2,516.31
10/03	300	29168057	INO500US	8001	\$15.00 ✓	\$2,501.31
10/03	414	29165304	IN0454US	8001	\$15.00 ✓	\$2,486.31
10/07	201	10674968	MM0725US	2203	\$140.00	\$2,346.31
10/08	888	29158185	MP0442US (#90	8881	\$15.00 ✓	\$2,331.31
10/09	85	09952705	RO0353US	8001	\$15.00 ✓	\$2,316.31

START SUM OF  
BALANCE CHARGES

SUM OF END  
REPLENISH BALANCE

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MM0725US (#90326)

First Inventor Hideyasu Yamabe

Title FOLDING BICYCLE

Express Mail Label No. EV203144579US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 23]
5. Oath or Declaration [Total Sheets 4]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies), or
    - ii. ☐ Paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☒ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS/PTO-1499) ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Foreign Priority Claim

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner:

Art Unit:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number: 28672 OR ☐ Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	D. Peter Hochberg	Registration No. (Attorney/Agent)	24603
Signature	<i>[Signature]</i>	Date	Sept. 30, 2003

This collection of information is required by 37 CFR 1.63(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (08-03)

Approved for use through 07/31/2008. OMB 0651-0037  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 415.00)

**Complete If Known**

Application Number	
Filing Date	filed herewith
First Named Inventor	Hideyasu Yamabe
Examiner Name	
An Unit	
Attorney Docket No.	MM0725US (#90326)

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

08-2441

Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application except issue fee☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	7001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	375.00
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 375.00)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	10 - 20** = 0	0	0
Claims	1 - 3** = 0	0	0
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0.00)

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

**SUBMITTED BY**

Name (Print/Type)	D. Peter Hochberg	Registration No. (Attorney/Agent)	24603	Telephone	216-771-3800
Signature		Date	September 30, 2003		


**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**EXPRESS MAIL CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this document is being deposited with the United States Postal Service on the date indicated below in an envelope as "Express Mail Post Office to Addressee" service mailing Label Number EV203144579US addressed: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: September 30, 2003  
Katherine R. Vicyna**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Hideyasu Yamabe  
Serial No. :  
Filing Date : (herewith)  
Title : FOLDING BICYCLE  
Group Art Unit. :  
Attorney Docket : MM0725US (#90326)

Examiner :

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Dear Sir:

Prior to substantive examination of the above-identified application, please amend the application, without prejudice, as follows:

**Claims Amendments**

1. (Original) A folding bicycle comprising:

a head pipe pivotally supported with respect to a main frame of a rod shape at a front end of the main frame so as to be rotatable in a plane including the main frame;

a front wheel fork and a handle shaft each inserted into and supported by the head pipe;  
a rear wheel rotatably supported on a rear end of the main frame;  
a saddle post having a saddle on top thereof and pivotally supported on a rear side of a  
pivotal-support portion of the head pipe;  
a stay detachably fixed at a top end thereof to the saddle post and pivotally supported on a  
front side of the rear wheel of the main frame;  
a crank gear rotatably supported between a pivotal-support portion of the saddle post and a  
pivotal-support portion of the stay;  
and a loop drive member looped over the crank gear and a small gear provided on the rear  
wheel,

wherein the stay, the saddle post, and the handle shaft can be folded to be overlaid one  
another along the main frame.

2. (Original) The folding bicycle according to claim 1, wherein the crank gear mounted on the main  
frame is positioned rearward of an intermediate point between shafts of the front wheel and the rear  
wheel.

3. (Currently Amended) A folding bicycle comprising, instead of adopting a configuration that a  
head pipe for inserting therein a front wheel fork and a handle shaft is pivotally supported to a  
main frame as in the folding bicycle according to claim 1 [or 2]:

a head pipe fixed on a front end of a main frame;  
a fork for rotatably supporting a front wheel, the fork being supported below the head pipe;  
and  
a handle shaft above the head pipe, the handle shaft being rotatably supported to be able to  
undulate by a pivotal-support member provided on the main frame,



wherein when the handle shaft is raised by the pivotal-support member, a lower end of the handle shaft can be fit into an upper end of the fork supported by the head pipe.

4. (Currently Amended) The folding bicycle according to claim 1 [or 2], wherein instead of providing the pivotal-support member of the handle shaft on the main frame, the pivotal-support member is provided on an upper end of the head pipe, and a lower end of the handle shaft can be fit into an upper end of the fork supported by the head pipe.
5. (Currently Amended) The folding bicycle according to claim 1 [or 2], wherein instead of providing the pivotal-support member of the handle shaft on the main frame, the pivotal-support member is provided on an intermediate portion of the handle shaft, and the handle shaft can be bent by the pivotal-support member.
6. (Original) The folding bicycle according to claim 3, wherein the raised handle shaft and a shaft of the head pipe are offset, and a rotation transmitting mechanism for transmitting rotation of the handle shaft to the fork rotatably supported by the head pipe is provided between the offset shafts.
7. (Currently Amended) The folding bicycle according to claim 1 [or 2], wherein the stay can be attached and detached to and from the saddle post via a suspension mechanism.
8. (Currently Amended) The folding bicycle according to claim 1 [or 2], further comprising cylindrical sockets for fixing a handle, the sockets intersecting an upper end of the handle shaft in a manner of shaping a T, storing sockets attached to each side of the cylindrical sockets to extend along an axis in parallel with the handle shaft, and a handling member which has a grip and can be detachably attached to each of the socket.
9. (Currently Amended) The folding bicycle according to claim 1 [or 2], wherein each of the front wheel and the rear wheel has a cantilever structure and can be readily attached and detached to and from a free end side of a support shaft.

10. (Currently Amended) The folding bicycle according to claim 1 [or 2], further comprising a brake on each of the front wheel and the rear wheel, each brake having a brake shoe for contacting the wheel from outside, the brake shoe being provided to be rotatable about a shaft in parallel with rotation axes of the front wheel and the rear wheel, the brake shoe being pressed and contacted on an outer peripheral surface of each of the front wheel and the rear wheel by rotating in a direction opposite to a rotating direction of the front wheel and the rear wheel.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Hideyasu Yamabe

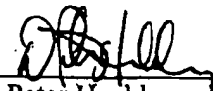
Serial No. :

Filed : herewith

**PRELIMINARY AMENDMENT - REMARKS**

This preliminary amendment is to enhance clarity and conformance with U.S. patent practice. The original claims have been amended to eliminate multiple dependencies and place the claims in conformance with U.S. patent practice. No new matter has been added. Accordingly, prosecution on the merits hereof is respectfully requested.

Respectfully submitted,

Date: September 30, 2003  
\_\_\_\_\_  
D. Peter Hochberg, Esq.  
Reg. No. 24,603

DPH/KRV

D. PETER HOCHBERG CO., L.P.A.  
1940 East 6<sup>th</sup> Street - 6<sup>th</sup> Floor  
Cleveland, Ohio 44114-2294  
(216) 771-3800

**ATTENTION ATTENTION ATTENTION**

DATE PROCESSED : 11 / 21 / 2003 PROCESSED BY : L.S.

☐

ACH PAYMENT

Attached is the most current ACH Information

*TechCenter 2186*

☐

TREASURY CHECK

The Most Current ACH Information Was

Requested From This Customer With The Purpose Of

Processing His Refund Request By Electronic Fund

Transfer(EFT). No EFT Information Was Received

Therefore, If Customer Is Due A Refund:

A CHECK WILL BE ISSUED.

☐

CREDIT TO DEPOSIT ACCOUNT

*10 / 196,314*

This Request for Refund Will Be Processed By Crediting

Deposit Account Number 19-0743

If Customer Is Due A Refund.

**ATTENTION ATTENTION ATTENTION**

**SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P. A.**

1600 TCF Tower  
121 South Eighth Street  
Minneapolis, Minnesota 55402

Telephone 612-373-6900.

Facsimile 612-339-3061

**Fax Transmission**

To: Edward Squires  
Company: USPTO Deposit  
Fax #: 7033086778  
Re: 303.500US2 Serial #10/196,314

From: Jenny Jerdee  
Date: 5/2/2003

Total Number of Pages (including cover): 2

**Message**

Dear Mr. Squires,

Please refund our account for \$410.00. According to our records this charge on 3/19/03, control #2 is an error by the USPTO.

Thank you,  
Jenny

OFFICE OF HILAND  
REFUND BRANCH  
2003 NOV 21 AM 9:02  
US PATENT & TRADEMARK  
OFFICE

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Date	Ctrl#	Serial/Patent #	Docket #	Fee Code	Amount
19-Mar	2	10196314	303.500US2	1252	\$410.00